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171759

ACCESS DB #

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Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: WALTER SCHLAPKOHL Examiner #: 81577 Date: 11-16-05  
Art Unit: 1636 Phone Number: 2-4439 Serial Number: 10/740,079  
Location (Bldg/Room#): 3B15 (Mailbox #): 2070 Results Format Preferred (circle): PAPER DISK  
\*\*\*\*\*

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: CELL-SCREENING ASSAY & COMPOSITION  
Inventors (please provide full names): SHARAT SINGH & PO-YING CHAN-HUI

Earliest Priority Date: 07/09/2001

Search Topic:

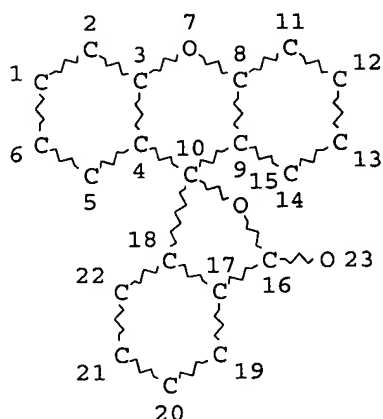
*Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.*

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

*Please search the structures of claims 11, 12 and 14 (see attached).*

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=> d que stat 19  
L7 STR



NODE ATTRIBUTES:  
CONNECT IS E1 RC AT 23  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

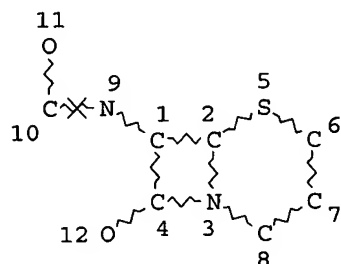
GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE  
L9 14453 SEA FILE=REGISTRY SSS FUL L7

100.0% PROCESSED 20570 ITERATIONS  
SEARCH TIME: 00.00.01

14453 ANSWERS

=> d que stat 112  
L10 STR



NODE ATTRIBUTES:  
NSPEC IS RC AT 9  
NSPEC IS RC AT 10  
CONNECT IS E1 RC AT 11  
CONNECT IS E1 RC AT 12  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L12 78940 SEA FILE=REGISTRY SSS FUL L10

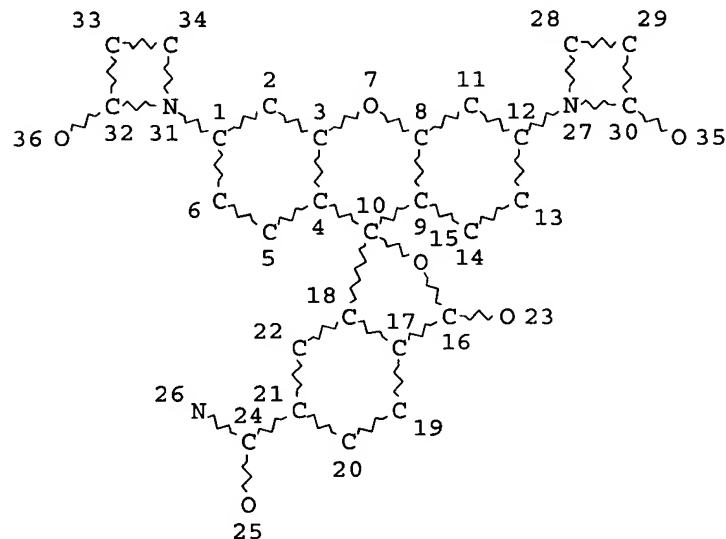
100.0% PROCESSED 87255 ITERATIONS

78940 ANSWERS

SEARCH TIME: 00.00.01

=> d que stat l16

L5 STR



NODE ATTRIBUTES:

NSPEC IS RC AT 26

CONNECT IS E1 RC AT 23

CONNECT IS E1 RC AT 25

CONNECT IS E1 RC AT 35

CONNECT IS E1 RC AT 36

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

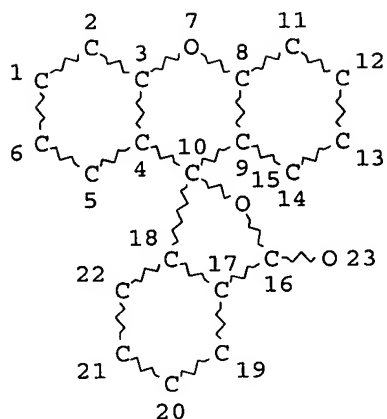
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 36

STEREO ATTRIBUTES: NONE

L7 STR



## NODE ATTRIBUTES:

CONNECT IS E1 RC AT 23  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 23

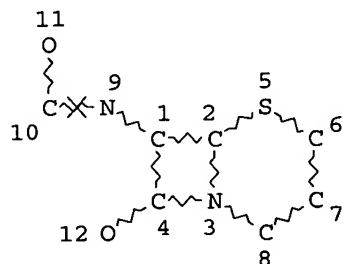
## STEREO ATTRIBUTES: NONE

L9 14453 SEA FILE=REGISTRY SSS FUL L7  
 L16 0 SEA FILE=REGISTRY SUB=L9 SSS FUL L5

100.0% PROCESSED 52 ITERATIONS  
 SEARCH TIME: 00.00.01

0 ANSWERS

=> d que stat 118  
 L10 STR



## NODE ATTRIBUTES:

NSPEC IS RC AT 9  
 NSPEC IS RC AT 10  
 CONNECT IS E1 RC AT 11  
 CONNECT IS E1 RC AT 12  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

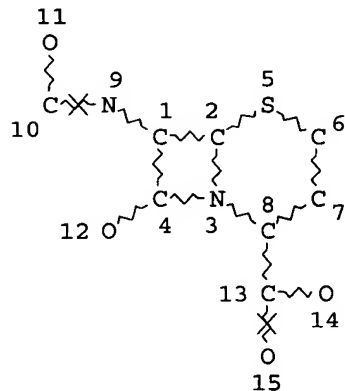
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L12 78940 SEA FILE=REGISTRY SSS FUL L10

L13 STR



NODE ATTRIBUTES:

NSPEC IS RC AT 9

NSPEC IS RC AT 10

NSPEC IS RC AT 13

NSPEC IS RC AT 15

CONNECT IS E1 RC AT 11

CONNECT IS E1 RC AT 12

CONNECT IS E1 RC AT 14

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L18 77804 SEA FILE=REGISTRY SUB=L12 SSS FUL L13

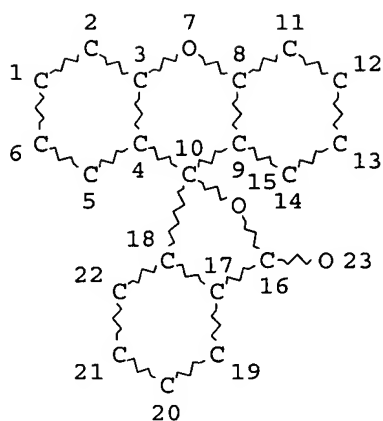
100.0% PROCESSED 78172 ITERATIONS

77804 ANSWERS

SEARCH TIME: 00.00.01

=> d que stat 120

L7 STR



## NODE ATTRIBUTES:

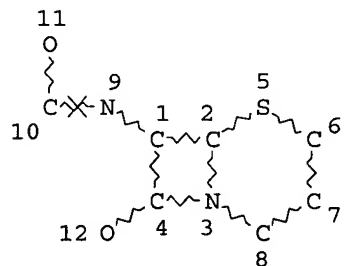
CONNECT IS E1 RC AT 23  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 23

## STEREO ATTRIBUTES: NONE

L9 14453 SEA FILE=REGISTRY SSS FUL L7  
 L10 STR



## NODE ATTRIBUTES:

NSPEC IS RC AT 9  
 NSPEC IS RC AT 10  
 CONNECT IS E1 RC AT 11  
 CONNECT IS E1 RC AT 12  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 12

## STEREO ATTRIBUTES: NONE

L12 78940 SEA FILE=REGISTRY SSS FUL L10  
 L19 37 SEA FILE=REGISTRY ABB=ON PLU=ON L9 AND L12  
 L20 10 SEA FILE=REGISTRY ABB=ON PLU=ON L19 AND ?BENZOPYRAN?/CNS

=> d his ful

(FILE 'HOME' ENTERED AT 11:21:06 ON 12 DEC 2005)

FILE 'ZCAPLUS' ENTERED AT 11:21:17 ON 12 DEC 2005  
E US2003-740079/APPS

L1 FILE 'HCAPLUS' ENTERED AT 11:21:37 ON 12 DEC 2005  
1 SEA ABB=ON PLU=ON US2003-740079/APPS  
SAVE TEMP L1 SCH079HCAAPP/A

FILE 'STNGUIDE' ENTERED AT 11:21:53 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 11:22:03 ON 12 DEC 2005  
D IBIB ED AB IND

FILE 'STNGUIDE' ENTERED AT 11:22:03 ON 12 DEC 2005

L2 FILE 'WPIX' ENTERED AT 11:23:52 ON 12 DEC 2005  
1 SEA ABB=ON PLU=ON US2003-740079/APPS  
SAVE TEMP L2 SCH079WPIAPP/A

FILE 'STNGUIDE' ENTERED AT 11:24:41 ON 12 DEC 2005

FILE 'WPIX' ENTERED AT 11:24:48 ON 12 DEC 2005  
D IALL CMC

FILE 'STNGUIDE' ENTERED AT 11:24:58 ON 12 DEC 2005

FILE 'STNGUIDE' ENTERED AT 11:25:05 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 11:25:27 ON 12 DEC 2005

L3 FILE 'HCAPLUS' ENTERED AT 11:25:31 ON 12 DEC 2005  
TRA L1 1- RN : 7 TERMS

L4 FILE 'REGISTRY' ENTERED AT 11:25:33 ON 12 DEC 2005  
7 SEA ABB=ON PLU=ON L3  
SAVE TEMP L4 SCH079REGAPP/A  
D SCAN

FILE 'STNGUIDE' ENTERED AT 11:26:08 ON 12 DEC 2005

L5 FILE 'LREGISTRY' ENTERED AT 11:27:12 ON 12 DEC 2005  
STR

L6 FILE 'REGISTRY' ENTERED AT 11:33:15 ON 12 DEC 2005  
0 SEA SSS SAM L5  
D QUE STAT

FILE 'STNGUIDE' ENTERED AT 11:33:26 ON 12 DEC 2005

L7 FILE 'LREGISTRY' ENTERED AT 11:37:39 ON 12 DEC 2005  
STR L5

L8 FILE 'REGISTRY' ENTERED AT 11:39:10 ON 12 DEC 2005  
50 SEA SSS SAM L7

FILE 'STNGUIDE' ENTERED AT 11:39:45 ON 12 DEC 2005  
D QUE STAT



L9 FILE 'REGISTRY' ENTERED AT 11:40:36 ON 12 DEC 2005  
14453 SEA SSS FUL L7  
SAVE TEMP L9 SCH079PSET1/A

FILE 'STNGUIDE' ENTERED AT 11:41:06 ON 12 DEC 2005

L10 FILE 'LREGISTRY' ENTERED AT 11:42:55 ON 12 DEC 2005  
STR

L11 FILE 'REGISTRY' ENTERED AT 11:45:56 ON 12 DEC 2005  
50 SEA SSS SAM L10

FILE 'STNGUIDE' ENTERED AT 11:46:03 ON 12 DEC 2005  
D QUE STAT

L12 FILE 'REGISTRY' ENTERED AT 11:47:30 ON 12 DEC 2005  
78940 SEA SSS FUL L10  
SAVE TEMP L12 SCH079PSET2/A

FILE 'STNGUIDE' ENTERED AT 11:48:53 ON 12 DEC 2005  
D SAVED

L13 FILE 'LREGISTRY' ENTERED AT 11:49:45 ON 12 DEC 2005  
STR L10

L14 FILE 'REGISTRY' ENTERED AT 11:53:26 ON 12 DEC 2005  
50 SEA SSS SAM L13

FILE 'STNGUIDE' ENTERED AT 11:54:09 ON 12 DEC 2005  
D QUE STAT

L15 FILE 'REGISTRY' ENTERED AT 11:55:26 ON 12 DEC 2005  
0 SEA SUB=L9 SSS SAM L5  
D QUE STAT

L16 0 SEA SUB=L9 SSS FUL L5  
SAVE TEMP L16 SCH079RCL11/A

L17 50 SEA SUB=L12 SSS SAM L13  
D QUE STAT

L18 77804 SEA SUB=L12 SSS FUL L13  
SAVE TEMP L18 SCH079RCL12/A

L19 37 SEA ABB=ON PLU=ON L9 AND L12  
D SCAN

FILE 'STNGUIDE' ENTERED AT 11:59:50 ON 12 DEC 2005

L20 FILE 'REGISTRY' ENTERED AT 12:02:13 ON 12 DEC 2005  
10 SEA ABB=ON PLU=ON L19 AND ?BENZOPYRAN?/CNS  
D SCAN

L21 27 SEA ABB=ON PLU=ON L19 NOT L20  
D SCAN

FILE 'STNGUIDE' ENTERED AT 12:03:50 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 12:05:55 ON 12 DEC 2005  
SAVE TEMP L20 SCH079RCL14/A

FILE 'STNGUIDE' ENTERED AT 12:06:16 ON 12 DEC 2005  
D SAVED

FILE 'HCAPLUS' ENTERED AT 12:09:25 ON 12 DEC 2005

L22 8849 SEA ABB=ON PLU=ON SINGH, S?/AU  
L23 20 SEA ABB=ON PLU=ON CHAN-HUI, P?/AU  
L24 14 SEA ABB=ON PLU=ON (L22 OR L23) AND ?LACTAM?  
L25 1 SEA ABB=ON PLU=ON L1 AND L24  
SAVE TEMP L24 SCH079HCAINV/A SCH079HCAINV/A

FILE 'STNGUIDE' ENTERED AT 12:11:22 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:12:47 ON 12 DEC 2005

L26 2304 SEA ABB=ON PLU=ON 2321-07-5D? OR 11111-12-9D?  
L27 23 SEA ABB=ON PLU=ON L20  
L28 33082 SEA ABB=ON PLU=ON L18  
L29 0 SEA ABB=ON PLU=ON L16  
L30 30766 SEA ABB=ON PLU=ON "PRIMERS (NUCLEIC ACID)" +PFT,OLD,NT/CT  
L31 68756 SEA ABB=ON PLU=ON "PROMOTER (GENETIC ELEMENT)" +PFT,OLD,NT/CT  
  
L32 5924 SEA ABB=ON PLU=ON "REPORTER GENE" +PFT,OLD,NT/CT  
L33 36211 SEA ABB=ON PLU=ON "DRUG SCREENING" +PFT,OLD,NT/CT  
L34 186 SEA ABB=ON PLU=ON (L26 OR L27 OR L28 OR L29) AND L30  
L35 94 SEA ABB=ON PLU=ON (L26 OR L27 OR L28 OR L29) AND L31  
L36 30 SEA ABB=ON PLU=ON (L26 OR L27 OR L28 OR L29) AND L32  
L37 280 SEA ABB=ON PLU=ON (L26 OR L27 OR L28 OR L29) AND L33  
L38 42 SEA ABB=ON PLU=ON (L34 OR L35 OR L36) AND L37

FILE 'STNGUIDE' ENTERED AT 12:17:49 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:18:47 ON 12 DEC 2005

L39 QUE ABB=ON PLU=ON ?GALACTOSIDAS? OR ?LACTAMAS?  
L40 QUE ABB=ON PLU=ON ?GALACTOSIDAS? OR ?LACTAMAS? OR ?ESTERAS?  
OR ?NUCLEAS? OR ?PROTEAS?  
L41 141 SEA ABB=ON PLU=ON (L34 OR L35 OR L36 OR L37) AND L40  
L42 108 SEA ABB=ON PLU=ON (L34 OR L35 OR L36 OR L37) AND (?GALACTOSID  
AS?/OBI OR ?LACTAMAS?/OBI OR ?ESTERAS?/OBI OR ?NUCLEAS?/OBI OR  
?PROTEAS?/OBI)  
L43 96 SEA ABB=ON PLU=ON (L34 OR L35 OR L36 OR L37) AND L39  
L44 151 SEA ABB=ON PLU=ON L38 OR L27 OR L42 OR L43  
L45 81 SEA ABB=ON PLU=ON L44 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
L46 46 SEA ABB=ON PLU=ON L45 AND L39  
L47 57 SEA ABB=ON PLU=ON L46 OR L27  
L48 1 SEA ABB=ON PLU=ON L44 AND REVIEW/DT  
L49 70 SEA ABB=ON PLU=ON L44 NOT L45  
L50 1 SEA ABB=ON PLU=ON L49 AND REVIEW/DT  
L51 12 SEA ABB=ON PLU=ON L27 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
L52 11 SEA ABB=ON PLU=ON L27 NOT L51  
L53 45 SEA ABB=ON PLU=ON L46 AND (?GALACTOSIDAS?/OBI OR ?LACTAMAS?/O  
BI)  
L54 46 SEA ABB=ON PLU=ON L46 OR L51

FILE 'STNGUIDE' ENTERED AT 12:23:34 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:24:40 ON 12 DEC 2005

SAVE TEMP L54 SCH079HCA1B/A  
L55 11 SEA ABB=ON PLU=ON L50 OR L52  
SAVE TEMP L55 SCH079HCA1A/A

FILE 'STNGUIDE' ENTERED AT 12:25:26 ON 12 DEC 2005  
D SAVED

FILE 'USPATFULL, USPAT2' ENTERED AT 12:28:49 ON 12 DEC 2005

L56 20 SEA ABB=ON PLU=ON L20  
L57 14 SEA ABB=ON PLU=ON L56 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
SAVE TEMP L57 SCH079USP1B/A  
L58 6 SEA ABB=ON PLU=ON L56 NOT L57  
SAVE TEMP L58 SCH079USP1A/A

FILE 'STNGUIDE' ENTERED AT 12:30:00 ON 12 DEC 2005

FILE 'WPIX' ENTERED AT 12:47:41 ON 12 DEC 2005

L59 7 SEA ABB=ON PLU=ON (D120 (P) D210 (P) "E680")/M0,M1,M2,M3,M4,M  
5,M6  
D TRI 1-7  
L60 5 SEA ABB=ON PLU=ON L59 AND (?GALACTOSIDAS?/BIX OR ?LACTAMAS?/B  
IX OR ?ESTERAS?/BIX OR ?NUCLEAS?/BIX OR ?PROTEAS?/BIX)  
L61 7 SEA ABB=ON PLU=ON L59 OR L60  
SAVE TEMP L61 SCH079WPI1B/A

FILE 'STNGUIDE' ENTERED AT 12:49:56 ON 12 DEC 2005  
D SAVED

FILE 'REGISTRY' ENTERED AT 12:51:38 ON 12 DEC 2005

L62 197 SEA ABB=ON PLU=ON L18 AND MEDLINE/LC  
L63 158 SEA ABB=ON PLU=ON L18 AND EMBASE/LC  
L64 241 SEA ABB=ON PLU=ON L18 AND BIOSIS/LC  
L65 59 SEA ABB=ON PLU=ON L18 AND CANCERLIT/LC  
L66 155 SEA ABB=ON PLU=ON L18 AND (DRUGU OR DRUGB)/LC  
L67 126 SEA ABB=ON PLU=ON L18 AND BIOTECHNO/LC

FILE 'MEDLINE' ENTERED AT 12:53:18 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 12:53:27 ON 12 DEC 2005  
SET SMARTSELECT ON  
L68 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'MEDLINE' ENTERED AT 12:53:28 ON 12 DEC 2005

L69 14 SEA ABB=ON PLU=ON L68  
L70 23131 SEA ABB=ON PLU=ON L62  
L71 4611 SEA ABB=ON PLU=ON SINGH, S?/AU  
L72 6 SEA ABB=ON PLU=ON CHAN-HUI, P?/AU  
L73 3 SEA ABB=ON PLU=ON (L71 OR L72) AND L39  
SAVE TEMP L73 SCH079MEDINV/A  
D TRI 1-3  
L74 2269 SEA ABB=ON PLU=ON L70 AND L39

FILE 'STNGUIDE' ENTERED AT 12:55:32 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:56:12 ON 12 DEC 2005

L75 QUE ABB=ON PLU=ON ?PRIMER? OR ?PROBE OR ?PROMOTER  
L76 QUE ABB=ON PLU=ON ?SCREEN?

FILE 'STNGUIDE' ENTERED AT 12:56:22 ON 12 DEC 2005

FILE 'MEDLINE' ENTERED AT 12:56:35 ON 12 DEC 2005

L77 66 SEA ABB=ON PLU=ON L74 AND L75  
L78 7 SEA ABB=ON PLU=ON L76 AND L77  
D TRI 1-7

L79 21 SEA ABB=ON PLU=ON L69 OR L78  
L80 9 SEA ABB=ON PLU=ON L79 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
SAVE TEMP L80 SCH079MED1B/A  
L81 12 SEA ABB=ON PLU=ON L79 NOT L80  
SAVE TEMP L81 SCH079MED1A/A

FILE 'STNGUIDE' ENTERED AT 12:58:42 ON 12 DEC 2005

FILE 'EMBASE' ENTERED AT 12:58:48 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 12:58:52 ON 12 DEC 2005

SET SMARTSELECT ON  
L82 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'EMBASE' ENTERED AT 12:58:53 ON 12 DEC 2005

L83 5 SEA ABB=ON PLU=ON L82  
L84 87490 SEA ABB=ON PLU=ON L63

FILE 'STNGUIDE' ENTERED AT 12:59:06 ON 12 DEC 2005

FILE 'EMBASE' ENTERED AT 12:59:53 ON 12 DEC 2005

L85 4204 SEA ABB=ON PLU=ON SINGH, S?/AU  
L86 7 SEA ABB=ON PLU=ON CHAN-HUI, P?/AU  
L87 6 SEA ABB=ON PLU=ON (L85 OR L86) AND L39  
SAVE TEMP L87 SCH087EMBINV/A  
D TRI 1-6  
L88 7671 SEA ABB=ON PLU=ON L84 AND L39  
L89 215 SEA ABB=ON PLU=ON L88 AND L75  
L90 23 SEA ABB=ON PLU=ON L89 AND L76  
L91 28 SEA ABB=ON PLU=ON L83 OR L90  
L92 10 SEA ABB=ON PLU=ON L91 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
L93 18 SEA ABB=ON PLU=ON L91 NOT L92  
SAVE TEMP L92 SCH079EMB1B/A  
SAVE TEMP L93 SCH079EMB1A/A

FILE 'STNGUIDE' ENTERED AT 13:02:15 ON 12 DEC 2005

FILE 'BIOSIS' ENTERED AT 13:03:41 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:03:48 ON 12 DEC 2005

SET SMARTSELECT ON  
L94 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS' ENTERED AT 13:03:49 ON 12 DEC 2005

L95 5 SEA ABB=ON PLU=ON L94  
L96 31505 SEA ABB=ON PLU=ON L64  
L97 3931 SEA ABB=ON PLU=ON L96 AND L39  
L98 137 SEA ABB=ON PLU=ON L97 AND L75  
L99 23 SEA ABB=ON PLU=ON L98 AND L76  
L100 8 SEA ABB=ON PLU=ON L99 AND (AY<2002 OR PY<2002 OR PRY<2002 OR  
MY<2002)  
SAVE TEMP L100 SCH079BIO1B/A  
L101 15 SEA ABB=ON PLU=ON L99 NOT L100  
SAVE TEMP L101 SCH079BIO1A/A

FILE 'STNGUIDE' ENTERED AT 13:05:14 ON 12 DEC 2005

D SAVED

FILE 'CANCERLIT' ENTERED AT 13:07:01 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:07:08 ON 12 DEC 2005

SET SMARTSELECT ON  
L102 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'CANCERLIT' ENTERED AT 13:07:09 ON 12 DEC 2005

L103 2 SEA ABB=ON PLU=ON L102  
L104 1011 SEA ABB=ON PLU=ON L65  
L105 34 SEA ABB=ON PLU=ON L104 AND L39  
L106 2 SEA ABB=ON PLU=ON L105 AND L75  
L107 0 SEA ABB=ON PLU=ON L106 AND L76  
L108 2 SEA ABB=ON PLU=ON (L106 OR L107)  
L109 2 SEA ABB=ON PLU=ON L108 AND (AY<2002 OR PY<2002 OR PRY<2002  
OR MY<2002)  
SAVE TEMP L109 SCH079CAN1B/A

FILE 'DRUGU' ENTERED AT 13:08:19 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:08:26 ON 12 DEC 2005

SET SMARTSELECT ON  
L110 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'DRUGU' ENTERED AT 13:08:27 ON 12 DEC 2005

L111 1 SEA ABB=ON PLU=ON L110  
L112 8512 SEA ABB=ON PLU=ON L66  
L113 1596 SEA ABB=ON PLU=ON L112 AND L39  
L114 17 SEA ABB=ON PLU=ON L113 AND L75  
L115 0 SEA ABB=ON PLU=ON L114 AND L76  
L116 17 SEA ABB=ON PLU=ON (L114 OR L115)  
L117 8 SEA ABB=ON PLU=ON L116 AND (AY<2002 OR PY<2002 OR PRY<2002  
OR MY<2002)  
SAVE TEMP L117 SCH079DRU1B/A  
L118 9 SEA ABB=ON PLU=ON L116 NOT L117  
SAVE TEMP L118 SCH079DRU1A/A

FILE 'STNGUIDE' ENTERED AT 13:10:01 ON 12 DEC 2005

FILE 'BIOTECHNO' ENTERED AT 13:10:13 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:10:21 ON 12 DEC 2005

SET SMARTSELECT ON  
L119 SEL PLU=ON L20 1- CHEM : 16 TERMS  
SET SMARTSELECT OFF

FILE 'BIOTECHNO' ENTERED AT 13:10:22 ON 12 DEC 2005

L120 0 SEA ABB=ON PLU=ON L119  
L\*\*\* DEL 0 S L6  
L121 5667 SEA ABB=ON PLU=ON L67  
L122 5667 SEA ABB=ON PLU=ON L120 OR L67  
L123 1206 SEA ABB=ON PLU=ON L122 AND L39  
L124 143 SEA ABB=ON PLU=ON L123 AND L75  
L125 11 SEA ABB=ON PLU=ON L124 AND L76  
L126 7 SEA ABB=ON PLU=ON L125 AND (AY<2002 OR PY<2002 OR PRY<2002  
OR MY<2002)  
SAVE TEMP L126 SCH079BIOT1B/A

L127 4 SEA ABB=ON PLU=ON L125 NOT L126  
SAVE TEMP L127 SCH079BIOT1A/A

FILE 'STNGUIDE' ENTERED AT 13:12:21 ON 12 DEC 2005  
D SAVED  
D COST

FILE 'BIOSIS, JICST-EPLUS, PASCAL, CABA, CANCERLIT, DRUGU, DRUGB,  
BIOTECHNO, BIOTECHDS, SCISEARCH, CONF, CONFSCI, DISSABS' ENTERED AT  
13:14:25 ON 12 DEC 2005

L128 38586 SEA ABB=ON PLU=ON SINGH, S?/AU  
L129 26 SEA ABB=ON PLU=ON CHAN-HUI, P?/AU  
L130 34 SEA ABB=ON PLU=ON (L128 OR L129) AND L39  
L131 25 DUP REM L130 (9 DUPLICATES REMOVED)  
ANSWERS '1-11' FROM FILE BIOSIS  
ANSWER '12' FROM FILE PASCAL  
ANSWERS '13-17' FROM FILE CABA  
ANSWERS '18-23' FROM FILE BIOTECHDS  
ANSWERS '24-25' FROM FILE SCISEARCH  
L132 1 SEA ABB=ON PLU=ON L131 AND L75  
SAVE TEMP L132 SCH079MULINV/A  
D SAVED

FILE 'WPIX' ENTERED AT 13:16:28 ON 12 DEC 2005

L133 505 SEA ABB=ON PLU=ON SINGH, S?/AU  
L134 17 SEA ABB=ON PLU=ON CHAN-HUI, P?/AU  
L135 59 SEA ABB=ON PLU=ON (L133 OR L134) AND (?PRIMER?/BIX OR  
?PROBE/BIX OR ?PROMOTER/BIX)  
L136 9 SEA ABB=ON PLU=ON L135 AND (?SCREEN?/BIX)  
SAVE TEMP L136 SCH079WPIINV/A

FILE 'STNGUIDE' ENTERED AT 13:17:42 ON 12 DEC 2005  
D SAVED

FILE 'LREGISTRY' ENTERED AT 13:20:42 ON 12 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:20:45 ON 12 DEC 2005

FILE 'ZCAPLUS' ENTERED AT 13:20:49 ON 12 DEC 2005

FILE 'HCAPLUS' ENTERED AT 13:20:51 ON 12 DEC 2005

FILE 'USPATFULL' ENTERED AT 13:20:56 ON 12 DEC 2005

FILE 'USPAT2' ENTERED AT 13:21:00 ON 12 DEC 2005

FILE 'WPIX' ENTERED AT 13:21:03 ON 12 DEC 2005

FILE 'MEDLINE' ENTERED AT 13:21:07 ON 12 DEC 2005

FILE 'EMBASE' ENTERED AT 13:21:14 ON 12 DEC 2005

FILE 'BIOSIS' ENTERED AT 13:21:17 ON 12 DEC 2005

FILE 'JICST-EPLUS' ENTERED AT 13:21:33 ON 12 DEC 2005

FILE 'PASCAL' ENTERED AT 13:21:36 ON 12 DEC 2005

FILE 'CABA' ENTERED AT 13:21:39 ON 12 DEC 2005

FILE 'CANCERLIT' ENTERED AT 13:21:43 ON 12 DEC 2005

FILE 'DRUGU' ENTERED AT 13:21:47 ON 12 DEC 2005

FILE 'DRUGB' ENTERED AT 13:21:51 ON 12 DEC 2005

FILE 'BIOTECHNO' ENTERED AT 13:21:55 ON 12 DEC 2005

FILE 'BIOTECHDS' ENTERED AT 13:22:00 ON 12 DEC 2005

FILE 'SCISEARCH' ENTERED AT 13:22:06 ON 12 DEC 2005

FILE 'CONF' ENTERED AT 13:22:09 ON 12 DEC 2005

FILE 'CONFSCI' ENTERED AT 13:22:13 ON 12 DEC 2005

FILE 'DISSABS' ENTERED AT 13:22:17 ON 12 DEC 2005

FILE 'STNGUIDE' ENTERED AT 13:22:19 ON 12 DEC 2005

D QUE L9  
D QUE STAT L9  
D QUE STAT L12  
D QUE STAT L16  
D QUE STAT L18  
D QUE STAT L20  
D QUE NOS L54  
D QUE NOS L57  
D QUE NOS L61  
D QUE NOS L80  
D QUE NOS L92  
D QUE NOS L100  
D QUE NOS L109  
D QUE NOS L117  
D QUE NOS L126

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU, BIOTECHNO' ENTERED AT 13:24:03 ON 12 DEC 2005

L137 87 DUP REM L54 L57 L61 L80 L92 L100 L109 L117 L126 (24 DUPLICATES  
ANSWERS '1-46' FROM FILE HCAPLUS  
ANSWERS '47-54' FROM FILE USPATFULL  
ANSWER '55' FROM FILE USPAT2  
ANSWERS '56-59' FROM FILE WPIX  
ANSWERS '60-67' FROM FILE MEDLINE  
ANSWERS '68-74' FROM FILE EMBASE  
ANSWERS '75-79' FROM FILE BIOSIS  
ANSWERS '80-81' FROM FILE CANCERLIT  
ANSWERS '82-87' FROM FILE DRUGU

FILE 'STNGUIDE' ENTERED AT 13:24:21 ON 12 DEC 2005

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU' ENTERED AT 13:25:01 ON 12 DEC 2005  
D IBIB ED AB HITIND HITSTR

FILE 'STNGUIDE' ENTERED AT 13:25:02 ON 12 DEC 2005

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU' ENTERED AT 13:25:23 ON 12 DEC 2005  
D IBIB ED AB HITIND HITSTR 2-46

FILE 'STNGUIDE' ENTERED AT 13:26:37 ON 12 DEC 2005

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU' ENTERED AT 13:27:29 ON 12 DEC 2005  
D IBIB AB HITSTR 47-55

FILE 'STNGUIDE' ENTERED AT 13:27:33 ON 12 DEC 2005

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU' ENTERED AT 13:27:56 ON 12 DEC 2005  
D IALL ABEQ TECH ABEX 56-59

FILE 'STNGUIDE' ENTERED AT 13:27:59 ON 12 DEC 2005

FILE 'HCAPLUS, USPATFULL, USPAT2, WPIX, MEDLINE, EMBASE, BIOSIS,  
CANCERLIT, DRUGU' ENTERED AT 13:28:49 ON 12 DEC 2005  
D IBIB ED AB HITIND 60-87

FILE 'STNGUIDE' ENTERED AT 13:28:52 ON 12 DEC 2005

D QUE NOS L24  
D QUE NOS L136  
D QUE NOS L73  
D QUE NOS L87  
D QUE NOS L32  
D QUE NOS L132

FILE 'HCAPLUS, WPIX, MEDLINE, EMBASE, BIOTECHDS' ENTERED AT 13:30:26 ON  
12 DEC 2005

L138 30 DUP REM L24 L136 L73 L87 L132 (3 DUPLICATES REMOVED)  
ANSWERS '1-14' FROM FILE HCAPLUS  
ANSWERS '15-22' FROM FILE WPIX  
ANSWERS '23-25' FROM FILE MEDLINE  
ANSWERS '26-29' FROM FILE EMBASE  
ANSWER '30' FROM FILE BIOTECHDS

FILE 'STNGUIDE' ENTERED AT 13:30:32 ON 12 DEC 2005

FILE 'HCAPLUS, MEDLINE, EMBASE, BIOTECHDS, WPIX' ENTERED AT 13:30:44 ON  
12 DEC 2005  
D IBIB ED AB L138 1-30

FILE 'STNGUIDE' ENTERED AT 13:30:51 ON 12 DEC 2005

FILE 'STNGUIDE' ENTERED AT 13:31:37 ON 12 DEC 2005

D QUE STAT L9  
D QUE STAT L12  
D QUE STAT L16  
D QUE STAT L18  
D QUE STAT L20

FILE HOME

FILE ZCAPLUS

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FILE COVERS 1907 - 12 Dec 2005 VOL 143 ISS 25  
FILE LAST UPDATED: 11 Dec 2005 (20051211/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

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FILE COVERS 1907 - 12 Dec 2005 VOL 143 ISS 25  
FILE LAST UPDATED: 11 Dec 2005 (20051211/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE  
FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Dec 9, 2005 (20051209/UP).

FILE WPIX  
FILE LAST UPDATED: 8 DEC 2005 <20051208/UP>  
MOST RECENT DERWENT UPDATE: 200579 <200579/DW>  
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,  
PLEASE VISIT:  
[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf) <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE  
<http://thomsonderwent.com/coverage/latestupdates/> <<<

>>> FOR INFORMATION ON ALL DERWENT WORLD PATENTS INDEX USER  
GUIDES, PLEASE VISIT:  
<http://thomsonderwent.com/support/userguides/> <<<

>>> NEW! FAST-ALERTING ACCESS TO NEWLY-PUBLISHED PATENT  
DOCUMENTATION NOW AVAILABLE IN DERWENT WORLD PATENTS INDEX  
FIRST VIEW - FILE WPIFV.  
FOR FURTHER DETAILS: <http://www.thomsonderwent.com/dwpifv> <<<

>>> THE CPI AND EPI MANUAL CODES HAVE BEEN REVISED FROM UPDATE 200501.  
PLEASE CHECK:

<http://thomsonderwent.com/support/dwpioref/reftools/classification/code-rev>  
FOR DETAILS. <<<

>>> PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE  
[http://www.stn-international.de/stndatabases/details/ipc\\_reform.html](http://www.stn-international.de/stndatabases/details/ipc_reform.html) <

#### FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 11 DEC 2005 HIGHEST RN 869700-38-9  
DICTIONARY FILE UPDATES: 11 DEC 2005 HIGHEST RN 869700-38-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

#### FILE LREGISTRY

LREGISTRY IS A STATIC LEARNING FILE

NEW CAS INFORMATION USE POLICIES, ENTER HELP USAGETERMS FOR DETAILS.

#### FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 8 Dec 2005 (20051208/PD)  
FILE LAST UPDATED: 8 Dec 2005 (20051208/ED)  
HIGHEST GRANTED PATENT NUMBER: US6973671  
HIGHEST APPLICATION PUBLICATION NUMBER: US2005273898  
CA INDEXING IS CURRENT THROUGH 8 Dec 2005 (20051208/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Dec 2005 (20051208/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2005  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<  
>>> USPATFULL. A USPATFULL record contains not only the original <<<  
>>> published document but also a list of any subsequent <<<

>>> publications. The publication number, patent kind code, and <<<  
>>> publication date for all the US publications for an invention <<<  
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<  
>>> records and may be searched in standard search fields, e.g., /PN, <<<  
>>> /PK, etc. <<<  
  
>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
>>> enter this cluster. <<<  
>>> <<<  
>>> Use USPATALL when searching terms such as patent assignees, <<<  
>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 8 Dec 2005 (20051208/PD)  
FILE LAST UPDATED: 8 Dec 2005 (20051208/ED)  
HIGHEST GRANTED PATENT NUMBER: US6973669  
HIGHEST APPLICATION PUBLICATION NUMBER: US2005273245  
CA INDEXING IS CURRENT THROUGH 6 Dec 2005 (20051206/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Dec 2005 (20051208/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2005  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2005

USPAT2 is a companion file to USPATFULL. USPAT2 contains full text of the latest US publications, starting in 2001, for the inventions covered in USPATFULL. USPATFULL contains full text of the original published US patents from 1971 to date and the original applications from 2001. In addition, a USPATFULL record for an invention contains a complete list of publications that may be searched in standard search fields, e.g., /PN, /PK, etc.

USPATFULL and USPAT2 can be accessed and searched together through the new cluster USPATALL. Type FILE USPATALL to enter this cluster.

Use USPATALL when searching terms such as patent assignees, classifications, or claims, that may potentially change from the earliest to the latest publication.

#### FILE MEDLINE

FILE LAST UPDATED: 8 DEC 2005 (20051208/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 will soon be available. For details on the 2005 reload, enter HELP RLOAD at an arrow prompt (=>).  
See also:

<http://www.nlm.nih.gov/mesh/>  
[http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_med.data.changes.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med.data.changes.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_2006\\_MeSH.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html)

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the

MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE EMBASE

FILE COVERS 1974 TO 8 Dec 2005 (20051208/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 7 December 2005 (20051207/ED)

FILE CANCERLIT

FILE COVERS 1963 TO 15 Nov 2002 (20021115/ED)

On July 28, 2002, CANCERLIT was reloaded. See HELP RLOAD for details.

CANCERLIT thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2002 vocabulary. Enter HELP THESAURUS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE DRUGU

FILE LAST UPDATED: 7 DEC 2005 <20051207/UP>

>>> DERWENT DRUG FILE (SUBSCRIBER) <<<

>>> FILE COVERS 1983 TO DATE <<<

>>> THESAURUS AVAILABLE IN /CT <<<

FILE BIOTECHNO

FILE LAST UPDATED: 7 JAN 2004 <20040107/UP>

FILE COVERS 1980 TO 2003.

>>> BIOTECHNO IS NO LONGER BEING UPDATED AS OF 2004 <<<

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN /CT AND BASIC INDEX <<<

FILE JICST-EPLUS

FILE COVERS 1985 TO 6 DEC 2005 (20051206/ED)

THE JICST-EPLUS FILE HAS BEEN RELOADED TO REFLECT THE 1999 CONTROLLED TERM (/CT) THESAURUS RELOAD.

FILE PASCAL

FILE LAST UPDATED: 12 DEC 2005 <20051212/UP>

FILE COVERS 1977 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE

IN THE BASIC INDEX (/BI) FIELD <<<

FILE CABA

FILE COVERS 1973 TO 2 Dec 2005 (20051202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The CABA file was reloaded 7 December 2003. Enter HELP RLOAD for details.

FILE DRUGB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE BIOTECHDS

FILE LAST UPDATED: 12 DEC 2005 <20051212/UP>

>>> USE OF THIS FILE IS LIMITED TO BIOTECH SUBSCRIBERS <<<

>>> NEW CLASSIFICATION SYSTEM FROM 2002 ONWARDS - SEE HELP CLA <<<

>>> NEW DISPLAY FIELDS LS AND LS2 (LEGAL STATUS DATA FROM THE INPADOC DATABASE) AVAILABLE - SEE NEWS <<<

FILE SCISEARCH

FILE COVERS 1974 TO 8 Dec 2005 (20051208/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

FILE CONF

FILE LAST UPDATED: 9 DEC 2005 <20051209/UP>

FILE COVERS 1976 TO DATE.

FILE CONFSCI

FILE COVERS 1973 TO 25 May 2005 (20050525/ED)

FILE DISSABS

FILE COVERS 1861 TO 23 NOV 2005 (20051123/ED)

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